**SUTD**

**WHERE BOLD MINDS DESIGN & INNOVATE FOR A BETTER WORLD**

3D-Autoregressive-Furniture

AI-generated 3D CleanNFTs minted for a charitable fundraising initiative on the more environmentally sustainable Proof-of-Stake blockchain by SUTD's Assistant Professor Immanuel Koh (ASD and DAI).

TRAILBLAZING A BETTER WORLD BY DESIGN.
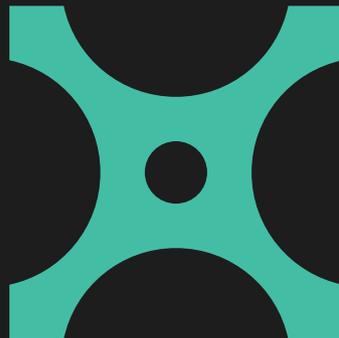
ARE YOU BURNING WITH A PASSION TO INNOVATE AND DRIVE POSITIVE CHANGE? TIRED OF THE TRIED AND TESTED? EAGER TO EXPLORE AND ENGAGE WITH THE WORLD?

Then we have the answer for you.

At SUTD, we believe in bringing out the best in our students by instilling in them strong design-thinking skills – skills which will enable them to make a difference when they go out into the world. Skills which can change the way people live and play, which can help solve major socio-economic issues resulting from global problems like climate change, and which will remain relevant years after you graduate.

From Day One, our students are taught how to problem-solve and work in teams to find solutions using multiple disciplines. Your major won't be the only skill you learn – because that's not how SUTD is wired. We believe that specialists don't have to be one-dimensional – just like the world isn't.

Our graduates are design innovators who have gone on to make a difference in the world. You can too!

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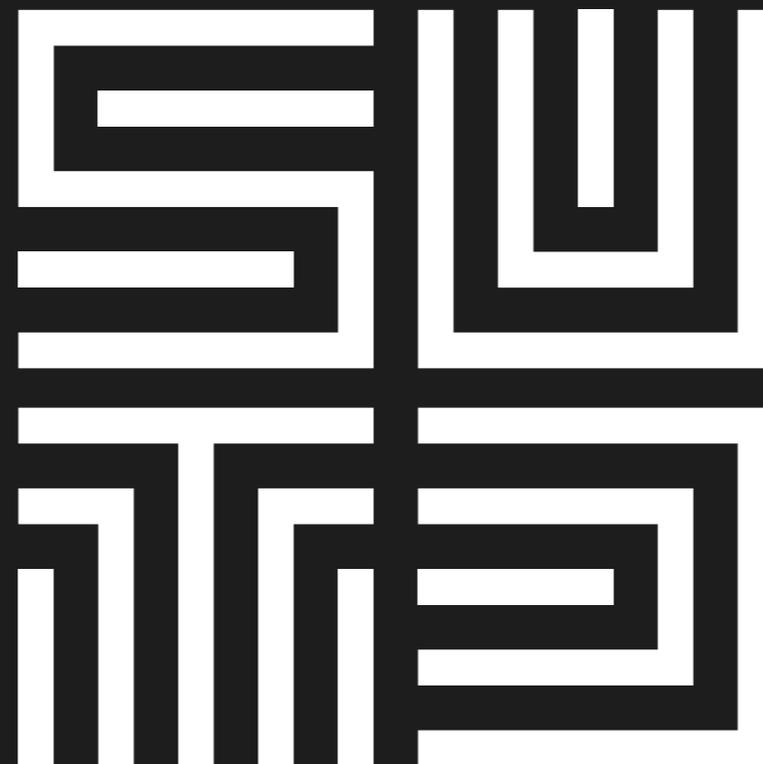
PROGRAMME OFFERINGS

5 Undergraduate Programmes

FIND OUT MORE

ASD Architecture and Sustainable Design
BACHELOR OF SCIENCE

CSD Computer Science and Design
BACHELOR OF ENGINEERING

DAI Design and Artificial Intelligence
BACHELOR OF SCIENCE

EPD Engineering Product Development
BACHELOR OF ENGINEERING

ESD Engineering Systems and Design
BACHELOR OF ENGINEERING

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On top of the five undergraduate programmes, our suite of special programmes are designed to stretch your abilities beyond technology and design.

3 Special Programmes

FIND OUT MORE

SUTD TECHNOLOGY ENTREPRENEURSHIP PROGRAMME (STEP)

Graduate with a **Bachelor of Engineering (BEng) or Science (BSc)** degree and may proceed to pursue a **Master of Science (MSc) in Technology Entrepreneurship** degree.

SUTD HONOURS AND RESEARCH PROGRAMME (SHARP)

Graduate with a **Bachelor of Engineering (BEng) or Science (BSc)** degree, with the option to pursue a **Concurrent BEng-Master of Engineering (MEng) by Research Degree Pathway (CDP)*.**

* Only selected SHARP students in CSD, EPD and ESD are eligible for application to the CDP.

SUTD-DUKE-NUS SPECIAL TRACK

Graduate with a **Bachelor of Engineering (BEng) or Science (BSc)** degree at SUTD and may proceed to pursue a **Doctor of Medicine (MD)** degree at Duke-NUS Medical School^.

^ Contingent on academic performance and other criteria such as Medical College Admission Test (MCAT).

Information on the Special Programmes is subject to change, please scan QR code for latest updates.

17 GRADUATE PROGRAMMES

MASTER'S PROGRAMME

- Dual Masters in Nano-Electronics and Design
- Master of Architecture
- Master of Engineering (Research)
- Master of Innovation by Design
- Master of Science in Security by Design
- Master of Science in Technology and Design (AI Empowered Built Environment)
- Master of Science in Technology and Design (Cybersecurity)
- Master of Science in Technology and Design (Data Science)
- Master of Science in Technology and Design (HealthTech Innovation)

- Master of Science in Technology and Design (Human-Centred Design)
- Master of Science in Technology and Design (IC Design, Failure Analysis and Reliability)
- Master of Science in Technology and Design (Robotics & Automation)
- Master of Science in Technology and Design (Sustainable Product Design)
- Master of Science in Urban Science, Policy and Planning

FIND OUT MORE

PHD PROGRAMME

- SUTD PhD Programme
- SUTD-NUS Joint PhD Programme
- SUTD Engineering Doctorate (EngD) Programme

SUTD ACADEMY (CONTINUING EDUCATION AND TRAINING)

Upskill and stay abreast of today's tech-driven economy with a comprehensive range of long and short-term programmes.

- Short Courses
- SkillsFuture Career Transition Programme (SCTP)
- MyModularMaster® Programme
- Tailored Corporate Training

FIND OUT MORE

SCHOLARSHIPS

Outstanding students can be considered for attractive, bond-free scholarships either by SUTD or supported by donors. These scholarships for undergraduates provide opportunities for overseas exposure as well as for the development of leadership skills as a University Ambassador.

FIND OUT MORE

WHY

#1 Top emerging engineering school in the world[1].

SUTD?

90% of undergraduate curriculum developed by MIT.

Only university in the world to offer a truly unconventional, interdisciplinary education.

[1] Source: 'The global state of the art in engineering education', a study commissioned by the Massachusetts Institute of Technology (MIT).

THE SUTD DIFFERENCE

SUTD'S DESIGN

Dive into the full spectrum of SUTD's Design, from ideation to implementation. This all-encompassing training fuels your creativity, hones your problem-solving and cultivates a deep appreciation for the art of innovation in the creation of human-centric solutions.

REAL-WORLD APPLICATION OF KNOWLEDGE

Throughout their time with SUTD, undergraduates will have worked on over 20 different design projects spanning diverse, emerging real-world challenges. Our strong industry ties also ensure that all students can look forward to experiences such as consulting with Dyson engineer mentors in the Dyson-SUTD Innovation Studios.

GLOBAL EXPOSURE FOR ALL UNDERGRADUATES

Travel the world through field trips, exchange programmes and internships.

11:1 STUDENT TO FACULTY RATIO

Enjoy small classroom sizes for more effective, collaborative learning.

THEORIES BROUGHT TO LIFE

Learn through interactive, hands-on classroom experiences - simulations, live demos, designettes and more. You can also bring your design ideas to life at the SUTD Fabrication Lab.

DIVERSE PERSPECTIVES

Embrace diversity with a cohort that is at least 40% female.

Learning beyond the walls of the classrooms:

THE FLIPPED CLASSROOM

PNEUMATIC CANNONS

AN INTERDISCIPLINARY APPROACH

SUTD is the only university in the world to offer a truly unconventional education with an interdisciplinary pedagogy. All students, regardless of majors, will be exposed to integrating knowledge from all disciplines, throughout all levels of study in the university as part of their training.

This dynamic interdisciplinary approach empowers students and faculty to develop human-centric solutions that are more creative and holistic.

Our curriculum provides students a strong foundation in science, mathematics and technology to build foundational literacy for future careers and endeavours. We also foster creativity and entrepreneurship and emphasise the importance of broad perspectives informed by the humanities, arts and social sciences.

DO YOU KNOW THAT SUTD STUDENTS OF DIFFERENT MAJORS WORK TOGETHER ON THEIR CAPSTONE PROJECTS TO DESIGN INTERDISCIPLINARY SOLUTIONS FOR OUR INDUSTRY PARTNERS?

CHECK OUT SOME OF OUR CAPSTONE PROJECTS:

Seaforms:
A sea city built out of modular, self-sustainable floating platforms to tackle land scarcity and rising sea levels.

OSCAR:
An outdoor autonomous cleaning robot to address labour shortage.

N'Able:
A wearable to aid navigation for the blind and visually impaired community.

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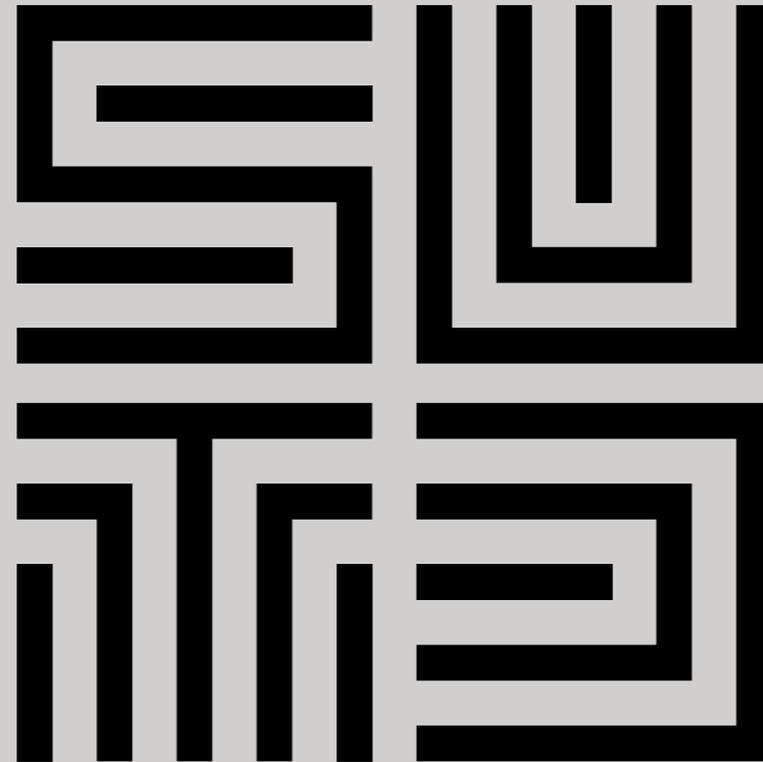
PREPARE TO TAKE ON THE WORLD

KICKSTART YOUR CAREER JOURNEY

AT SUTD, you'll complete at least one internship with our extensive network of over 1,300 industry partners. We achieved strong graduate employment results despite a slowing economy.

Overall employment rate
(Employed within six months of completing final exams)
91.5%

Highest starting salary across surveyed local public universities
$5,102^
^ Mean gross monthly salary

>50% received two or more job offers

>1 in 3 received job offers from their internships

Our graduates are highly sought after by top employers locally and internationally that include:

- Accenture
- Apple
- A*STAR
- ByteDance
- Changi Airport Group
- Citibank
- Dyson
- DP Architects
- Gensler
- Google
- GovTech
- IBM
- JPMorgan Chase & Co.
- Shopee
- P&G
- Rolls-Royce
- SingHealth
- ST Engineering
- Visa

Source: 2022 Graduate Employment Survey jointly conducted by NTU, NUS, SIT, SMU, SUSS, and SUTD.

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**Yam Kum Weng
Executive Vice President,
Airport Development
Changi Airport Group**

SUTD's unique multi-disciplinary curriculum gives their graduates an edge in integrated solution and systems thinking, especially important under the changing aviation landscape.

NURTURING "DESIGN INNOVATORS" WITH UNIQUE SKILLS

What our students are trained to be:

- **Human-Centric Designers**
- **Global & Systems Thinkers**
- **Makers (of anything)**

THE SUTD ENTREPRENEURIAL DNA

The power of Innovation has cultivated a strong entrepreneurial culture with 80 start-ups at SUTD. Check out some of these start-ups by SUTD alumni.

BEEP
Digitising payment solutions.

STICK'EM
Making STEAM education accessible to all.

SGP FOODS
Building Singapore's food and climate resilience.

AFFABLE
Discovering, engaging and measuring authentic social media influence with AI.

Learn about our SUTD faculty, alumni and students featured in Forbes 30 under 30 Asia Class of 2023.

CORNERSTONES OF THE SUTD EXPERIENCE

LEVERAGING THE WORLD AS YOUR CLASSROOM

Build a global perspective with opportunities to travel the world through exchange programmes, summer and winter programmes, research programmes, internships and more.

Global exposure and immersion opportunities for **ALL STUDENTS+**

>30
summer programmes.

74
partner universities in 25 countries.

>270
student exchange opportunities.

FACT
Freshmore Asian Cross-curricular Trips (FACT): Subsidised trips to Asia for all Freshmore students.

+ Includes trips, internships and collaboration with international companies.

RESEARCH OPPORTUNITIES

Besides working on industry projects during class, you'll also have the chance to be part of groundbreaking research.

All undergraduates get to do research right from Day One, with ready access to funding and faculty mentors.

Over 7,307 publications and 144,259 citations.

Over 447 technology disclosures, 255 patents filed, and 36 patents granted.
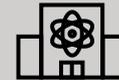
17 research centres since 2010.

Over $602 million external research funding secured since 2010.

Data as of 31 March 2023

WORLD-CLASS FACULTY

TOP 2%
About one-third of SUTD's faculty is listed among the world's top 2% of scientists# so you'll be learning and working alongside some of the best in the world!

Source: Database released by Stanford University and Elsevier BV that identifies the world's top scientists across 22 scientific fields and 174 sub-fields.

SUTD

SINGAPORE UNIVERSITY OF
TECHNOLOGY AND DESIGN